BELLSOUTH

**Cynthia K. Cox**Executive DirectorFederal and State Relations

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August 14, 1998

Kathryn C. Brown Chief, Common Carrier Bureau Federal Communications Commission 1919 M Street, N.W. Washington, D.C. 20554

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Re: BellS

BellSouth August 15 Status Report

NSD File No. L-98-27, CC Docket No. 95-116

Order, DA 98-917 (May 15, 1998)

Long-term Database Methods for Local Number Portability (LNP)

Dear Ms. Brown:

Pursuant to paragraph 35 of the referenced order, BellSouth files its August 15, 1998 report on the progress it and Lockheed Martin have made and are making with respect to BellSouth's interface with the Lockheed Martin Number Portability Administration Center (NPAC) regional Service Management System (SMS) database and on updating BellSouth's SMS interface with its internal systems, including its AIN SMS, Service Order Control System (SOCS), Product and Services Information Management System (PSIMS), and its Customer Revenue Information Systems (CRIS).

In this letter, BellSouth reports on progress made since its July 15, 1998 Status Report. This August 15 report shows that all NANC 1.8 functionality necessary to support the ordering and provisioning of LNP in Phase I and Phase II metropolitan statistical areas (MSAs) within the Southeast NPAC Region was available in BellSouth's NPAC interface production software in time to conduct industry end-to-end testing in Phase I between July 15, 1998 and August 15, 1998; and will be available to conduct industry testing in Miami, Fort Lauderdale and Orlando (Phase II) during the period August 19, 1998 through September 18, 1998; in New Orleans, Charlotte, Greensboro and Nashville (Phase III) during the period September 16, 1998 through October 16, 1998; and in Memphis, Louisville, Jacksonville, Raleigh and Greenville (Phase IV) during the period October 14, 1998 through November 13, 1998. Thus BellSouth will

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Letter from Theodore R. Kingsley, General Attorney, BellSouth Corporation, to Kathryn C. Brown, Chief, Common Carrier Bureau, FCC, filed July 15, 1998. (July 15 Status Report).

Industry end-to-end test dates are determined through a consensus of the carriers' operations experts attending the Southeast LNP Operations Workshop. The Workshop is open to attendance by all local exchange carriers, incumbents and new entrants, operating in the Southeast NPAC region. The end-to-end test dates for Phase I and II are firm and are being actively worked by the industry. The dates for Phases III, IV and V are tentative but have been

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over forty (40) downstream systems was a significant portion of the recently concluded industry end-to-end testing activities. System flow-through was capably demonstrated utilizing the trial service orders initiated by the eleven participating CLECs.

### III. Detailed Work Plan for Next Steps.

BellSouth attaches to this report an LNP Critical Path Milestone chart for the period June 1998-October 1998; an LNP Gateway SMS schedule current as of August 10, 1998 which tracks the duration, start, finish and status of approximately 100 separate tasks related to development of the Lockheed Martin NPAC interface; and a separate schedule for BellSouth's LNP AIN SMS work effort identifying the duration, start, finish and status of approximately 29 separate tasks related to updating the BellSouth NPAC interface with its AIN SMS.

#### IV. Conclusion.

BellSouth is on schedule to implement LNP in each MSA within the Southeast NPAC Region pursuant to the Bureau's *Extension Orders*. All NANC 1.8 interface functionality necessary for the ordering and provisioning of LNP is in place to implement Phase I by August 31, 1998 and Phase II by September 30, 1998, and will be in place to implement Phase III by October 31, 1998, Phase IV by November 30, 1998 and Phase V by December 31, 1998. There will be no impact on the LNP ordering and provisioning process for CLECs. The exact same LNP ordering and provisioning capability available to BellSouth will be available to all CLECs when LNP is offered in the relevant MSAs.

A copy of this status report is being mailed to all carriers who have filed requests for extension of time within the Southeast NPAC Region, as well as all those who commented on BellSouth's earlier filed Petition.

Very truly yours,

Gather K. Cox

Cynthia K. Cox

cc: Gayle Radly Teicher Geraldine A. Matise

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implement LNP in the Southeast Region pursuant to all extension orders issued by the Bureau<sup>3</sup> and BellSouth's Supplemental Petition to Extend Time for Network Implementation.<sup>4</sup>

### I. BellSouth's Interface with the Lockheed Martin NPAC.

#### A. Steps Taken

BellSouth has undergone extensive end-to-end testing with eleven (11) competitive local exchange carriers (CLECs) since July 15, 1998. The test methodology utilized was that developed initially in the Illinois trials and subsequently refined by the Southeast Test Team, an inter-industry subcommittee of the Southeast Operations Workshop. That testing has concluded this week. Based on results of this testing, BellSouth centers, systems and network elements have demonstrated the functionality necessary to deploy Local Number Portability in the Atlanta MSA by August 31, 1998.

BellSouth's development efforts (which include testing and debugging) with respect to NPA Split Processing were completed on July 30, 1998. The software began four weeks of internal quality assurance testing on August 1, 1998. Preliminary test results are satisfactory. On or before September 1, 1998, the software will begin to undergo another thirty (30) days of external industry (service provider to service provider) testing. Industry testing will have been completed several weeks prior to porting the first telephone number in the New Orleans (Phase III) MSA. BellSouth remains on schedule to deliver Expanded Filter functionality by October 1, 1998, on time for Phase III implementation.

## II. BellSouth's SMS Interface with its Internal OSS.

All necessary software modifications for SOCS, PSIMS and CRIS OSS interfaces have now been incorporated in the LNP Gateway design, as have all necessary modifications for BellSouth's AIN SMS. Testing between the BellSouth LNP Gateway, BellSouth AIN SMS and

submitted to the Workshop membership. Because there has been no opposition to these dates BellSouth is using them for planning purposes.

Telephone Number Portability, Petitions for Extension of the Deployment Schedule for Long-Term Database Methods for Local Number Portability, Phase I, *Order*, CC Docket 95-116, NSD File Nos. L-98-20, L-98-28, L-98-27, L-98-24, L-98-21, L-98-09, L-98-29, L-98-30, L-98-26, L-98-31, L-98-22, L-98-23, L-98-32, L-98-25, DA 98-614 (rel. March 31, 1998); Phase II, *Order*, NSD File Nos. L-98-40, L-98-27, L-98-52, L-98-29, L-98-30, L-98-31, L-98-37, L-98-38, L-98-46, L-98-32, L-98-39, DA 98-917 (rel. May 15, 1998); Phase III, *Order*, NSD File Nos. L-98-14, L-98-74, L-98-27, L-98-29, L-98-72, L-98-71, L-98-73, L-98-58, L-98-78, DA 98-1265 (rel. June 26, 1998)(collectively "*Extension Orders*").

Telephone Number Portability, CC Docket No. 95-116, NSD File No. L-98-27, Supplement to Petition to Extend Time for Network Implementation of BellSouth Corporation, (filed May 1, 1998 withdrawing request for Phase V extension).

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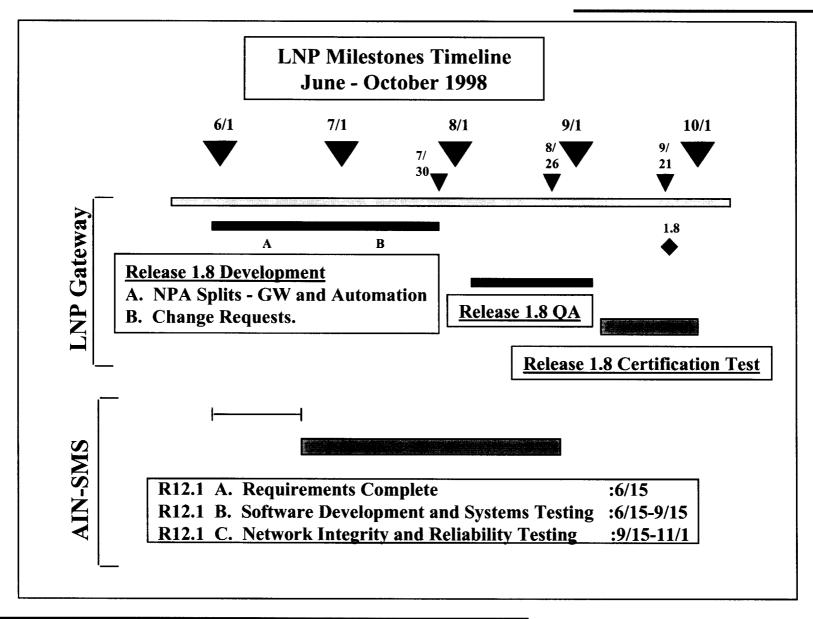
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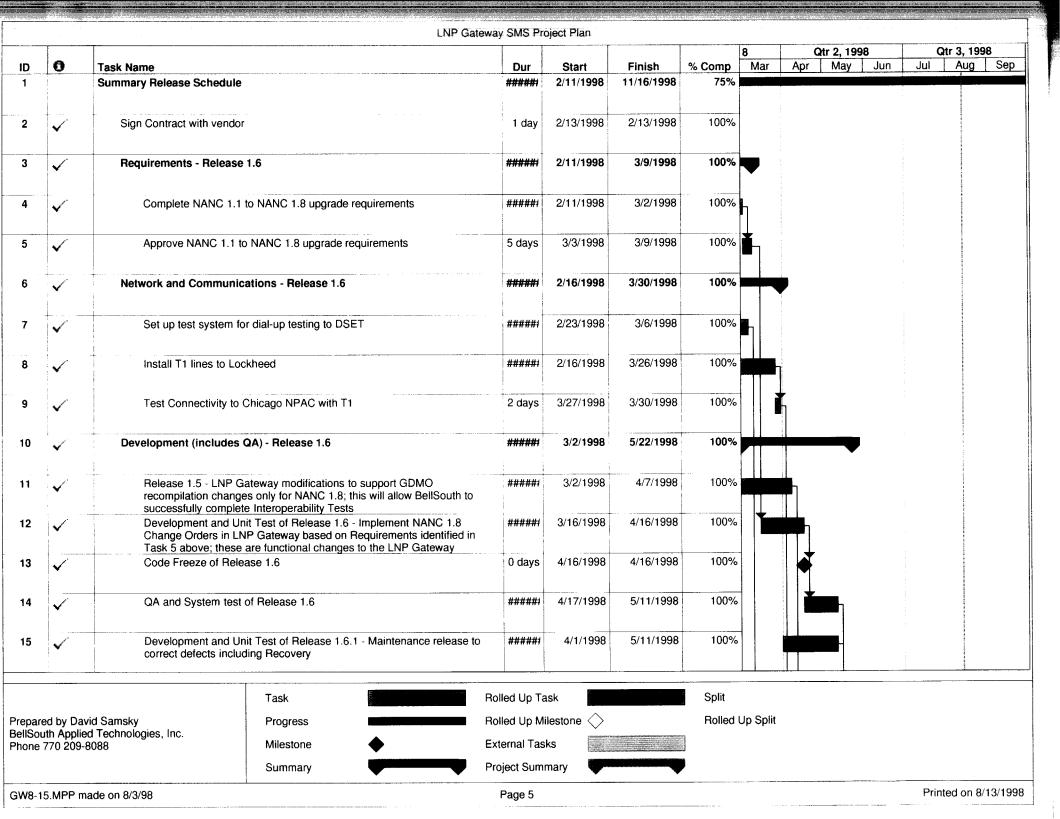
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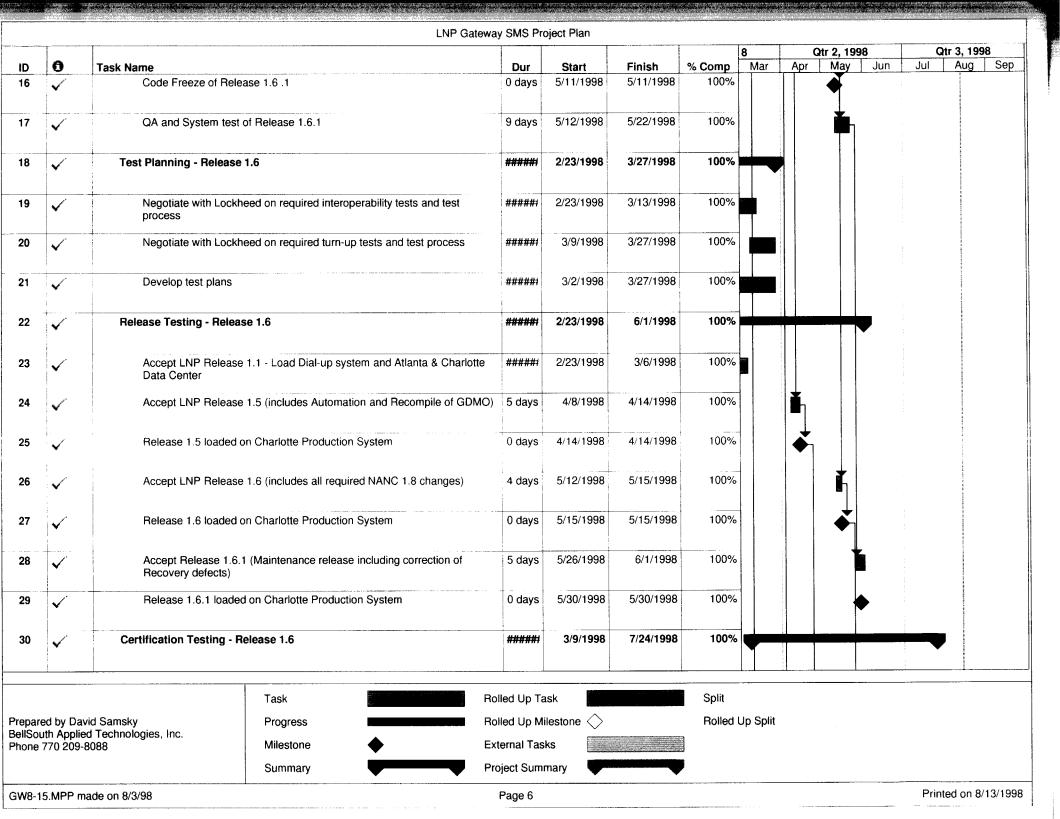
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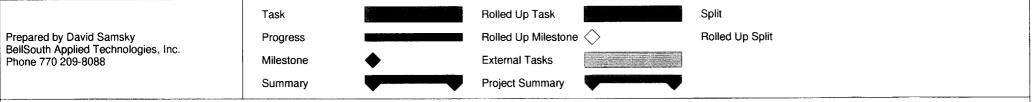
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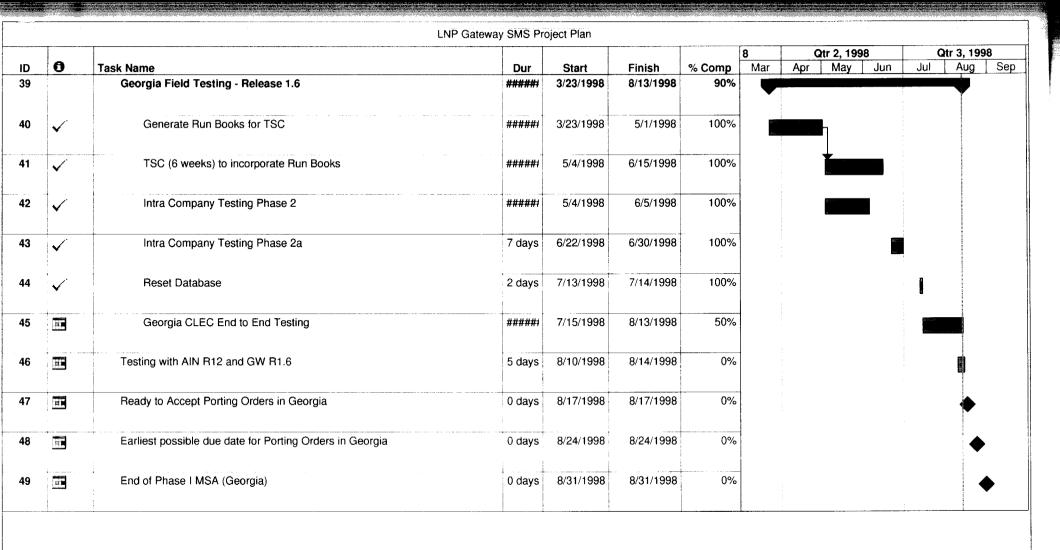


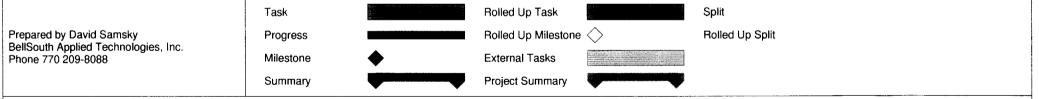




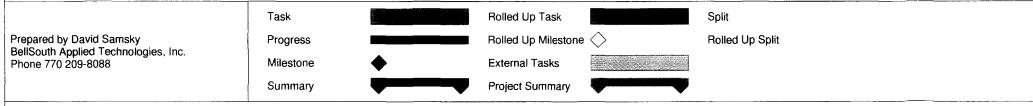
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							8	Qtr 2, 1998		98	Qtr 3, 1998		8	
ID_	0	Task Name	Dur	Start	Finish	% Comp	Mar	Apr	May	Jun	Jul	Aug	Sep	
31	<b>✓</b>	Interoperability Testing - LNP Gateway ( NANC 1.1 & Gateway Release 1.1) with DSET (NANC 1.7) - Dial-Up	#####1	3/9/1998	3/27/1998	100%						dices of the state		
32	~	Start Turnup Testing in Chicago with Lockheed Release 1.2 and LNP Gateway Release 1.1	7 days	3/31/1998	4/8/1998	100%						IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		
33	~	Start Turnup Testing in Chicago with Lockheed Release 1.3 and LNP Gateway Release 1.5	#####1	4/15/1998	5/11/1998	100%						вынания парави		
34	<b>√</b>	Turn-up Testing - Certification of LNP Gateway Release 1.6 (and 1.6.1) in Chicago with Lockheed Release 1.3 (Contains all functional changes for NANC 1.8)	#####	5/18/1998	6/23/1998	100%						minister et de la constitución d		
35	<b>√</b>	Southeast Region SP to SP (paired) testing	3 days	6/24/1998	6/26/1998	100%						THE STATE OF THE S		
36		Southeast Region Round Robin testing	2 days	6/29/1998	6/30/1998	100%				•	ħ			
37	~	Southeast Region DR testing	3 days	7/1/1998	7/6/1998	100%						ast to be a second to the seco		
38	-	Southeast Region Performance testing	#####1	7/7/1998	7/24/1998	100%								

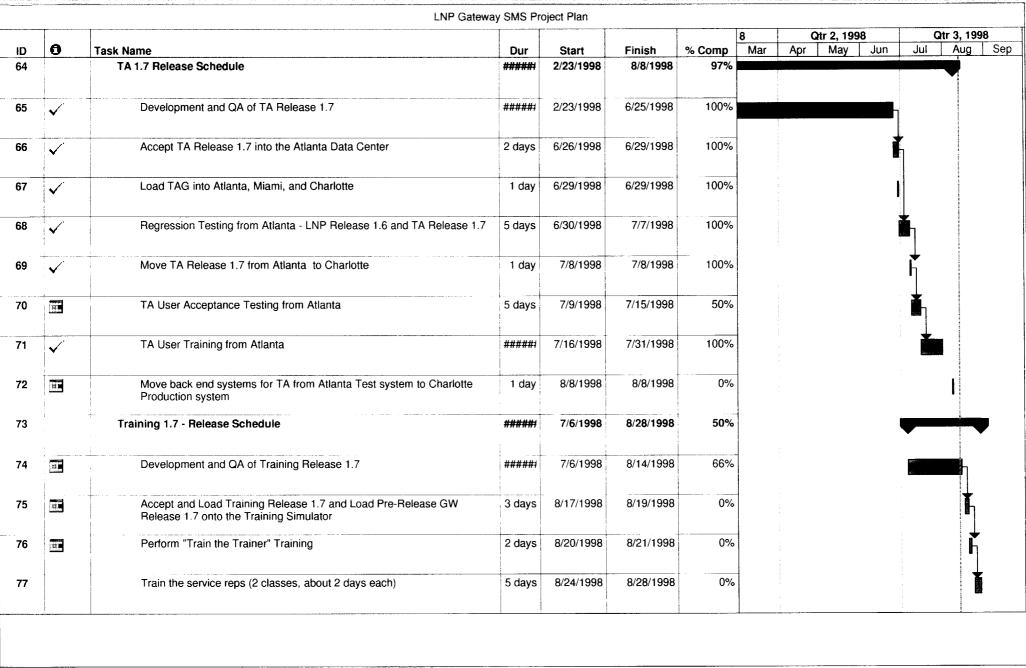


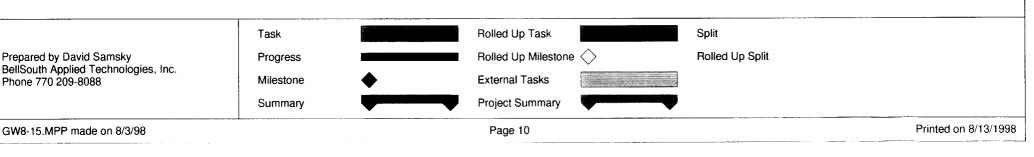




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50	1	Florida Field Testing - Release 1.6 & Release 1.7	#####	8/17/1998	9/14/1998	0%						V	
51	773	Florida CLEC End to End Testing	#####1	8/17/1998	9/14/1998	0%							
2	[31]	Ready to Accept Porting Orders in Florida	0 days	9/21/1998	9/21/1998	0%							•
3		End of Phase 2 MSA (Florida)	0 days	9/30/1998	9/30/1998	0%							
4		LNP Gateway Release 1.7 Schedule	#####	2/23/1998	8/31/1998	78%						THE REAL PROPERTY.	<b>▼</b>
5	;	Development and unit test of Release 1.7 - LNP functional implementation of Electronic Data Interface (EDI) Issue 7 for mechanized exchange of Orders.	#####1	2/23/1998	6/15/1998	100%						a manatan i base didirette di telimina	
6	<b>~</b>	Code Freeze of Release 1.7	0 days	6/15/1998	6/15/1998	100%						100	
7	~	QA and system test of Release 1.7	#####1	6/16/1998	7/31/1998	100%				÷ ***			
8		Accept LNP Release 1.7 (includes Issue 7) for testing into the Atlanta Data Center	2 days	8/3/1998	8/4/1998	50%							
9		Turn-up Testing from Atlanta T3 - Certification of LNP Release 1.7 with Lockheed on Chicago testbed	#####1	8/5/1998	8/27/1998	0%							
0	837	EDI Pre Testing from Atlanta T1	7 days	8/7/1998	8/14/1998	0%						Military (), Military	
1		EDI CLEC (AT&T and MCI) Testing from Atlanta T1	5 days	8/17/1998	8/21/1998	0%							
2		Move Release 1.7 from Atlanta to Charlotte	1 day	8/28/1998	8/28/1998	0%						mood (4) process	1
3		Release 1.7 in Production on the Charlotte Production System	0 days	8/31/1998	8/31/1998	0%						de Habbillo Health con and	•







						8		Qtr 2, 1998	Qtr 3,	1998
D_	ð	Task Name	Dur	Start	Finish		Mar A			ug S
В		LNP Gateway Release 1.8 Schedule	#####	6/15/1998	9/21/1998	42%				
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	<b>✓</b>	Code Freeze of Release 1.8	0 days	7/31/1998	7/31/1998	100%			•	
		QA and system test of Release 1.8	#####1	7/31/1998	8/26/1998	0%				Πη
 !	B	Accept LNP Release 1.8 (includes NPA Splits) for testing into the Atlanta Data Center	2 days	8/27/1998	8/28/1998	0%			AMERICAN INTERPRETATION OF THE PROPERTY OF THE	<b>+</b>
		Turn-up Testing from Atlanta T3 - Certification of LNP Release 1.8 with Lockheed on Clark testbed	#####	8/31/1998	9/18/1998	0%			TOTAL SECTION	-3
		NPA Split Pre Testing from Atlanta T1	4 days	9/8/1998	9/11/1998	0%				
		Npa Split Testing from Atlanta T1	5 days	9/14/1998	9/18/1998	0%			inia principal problem (	
		Move Release 1.8 from Atlanta to Charlotte	1 day	9/20/1998	9/20/1998	0%			ta saataunu energeen	
		Release 1.8 in Production on the Charlotte Production System	0 days	9/21/1998	9/21/1998	0%				
		Training 1.8 - Release Schedule	#####	8/17/1998	9/18/1998	0%			catego lamana di se con	<b>,</b>
		Development and QA of Training Release 1.8	#####	8/17/1998	9/4/1998	0%	:		H STANTAL ABADER LA STANTAL A	
		Accept and Load Training Release 1.8 and Load Pre-Release GW Release 1.8 onto the Training Simulator	2 days	9/8/1998	9/9/1998	0%				
		Perform "Train the Trainer" Training	2 days	9/10/1998	9/11/1998	0%				
		Train the service reps (2 classes, about 2 days each)	5 days	9/14/1998	9/18/1998	0%			- Particular approximation app	
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93		LNP Gateway Release 1.8.1 Schedule - Tentative	#####	8/10/1998	11/16/1998	0%						The state of the s	
94		Development and unit test of Release 1.8.1	#####	8/10/1998	9/10/1998	0%						Total Marian	
95		Code Freeze of Release 1.8.1	0 days	9/11/1998	9/11/1998	0%						Petron transfer and the second	<b>♦</b>
96		QA and system test of Release 1.8	#####	9/14/1998	10/9/1998	0%							
97		Accept LNP Release 1.8.1 for testing into the Atlanta Data Center	2 days	10/12/1998	10/13/1998	0%						***************************************	
98		Turn-up Testing from Atlanta T3 - Certification of LNP Release 1.8.1 with Lockheed on Clark testbed	#####	10/14/1998	11/13/1998	0%	-					THE PERSON OF TH	
99		Move Release 1.8.1 from Atlanta to Charlotte	1 day	11/15/1998	11/15/1998	0%							

0 days 11/16/1998

0%

11/16/1998

Prepared by David Samsky
BellSouth Applied Technologies, Inc.
Phone 770 209-8088

Task

Rolled Up Task

Split

Rolled Up Split

External Tasks

Summary

Project Summary

GW8-15.MPP made on 8/3/98

100

11.14

Release 1.8.1 in Production on the Charlotte Production System

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Printed on 8/13/1998

AIN SMS	Project	Plan
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D	Task Name	Duration	Start	Finish	% Complete
1	LNP Requirements Issued	1 day	3/31/1997	3/31/1997	100%
2	Software Development SMS 10.2	66 days	5/15/1997	8/14/1997	100%
3	Development & Integration Testing	44 days	5/15/1997	7/15/1997	100%
4	System Testing	28 days	7/8/1997	8/14/1997	100%
5	Network Integrity and Reliability Testing	7 days	8/15/1997	8/23/1997	100%
6	Final Certification for SMS Release 10.2	1 day	8/23/1997	8/23/1997	100%
7					
8	Software Development SMS Release 11.0	44 days	10/8/1997	12/8/1997	100%
9	Development & Integration Testing	7 days	10/8/1997	10/16/1997	100%
10	System Testing	31 days	10/27/1997	12/8/1997	100%
11	Network Integrity & Reliability Testing	15 days	12/23/1997	1/12/1998	100%
12	Final Certification for SMS Release 11.0	1 day	2/8/1998	2/8/1998	100%
13				;	
14	NANC Compliance Analysis	30 days	2/10/1998	3/23/1998	100%
15	Requirements	30 days	3/23/1998	5/1/1998	100%
16	NPAC Issues Resolved	6 days	3/23/1998	3/30/1998	100%
17	Issue Draft for Engineering Review	11 days	3/23/1998	4/6/1998	100%
18	Issue Final Requirements	1 day	4/15/1998	4/15/1998	100%
19	System Design	13 days	4/15/1998	5/1/1998	100%
20	Software Development SMS Release 12.0	102 days	3/16/1998	7/31/1998	99%
21	Dev. & Integ. Testing NPAC Issues	32 days	4/30/1998	6/12/1998	100%
22	Test Case Development NPAC Issues	10 days	6/1/1998	6/12/1998	100%
23	System Testing NPAC Issues	21 days	6/19/1998	7/15/1998	100%
24	Network Integrity and Reliability Testing	17 days	7/1/1998	7/23/1998	95%
25	Dev. & Integ. Testing NPA Splits	48 days	3/16/1998	5/20/1998	100%

		AIN SMS Project Plan								
ID	Task Name	Duration	Start	Finish	% Complete					
26	Test Case Development NPA Splits	22 days	4/28/1998	5/27/1998	100%					
27	System Testing NPA Splits	45 days	5/22/1998	7/23/1998	98%					
28	Network Integrity and Reliability Testing NPA Splits	19 days	7/7/1998	7/31/1998	93%					
29	Final Certification	1 day	8/15/1998	8/15/1998	0%					